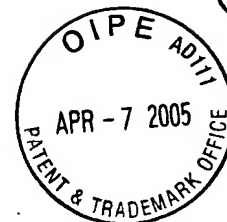


**OGILVY
RENAULT****Direct Dial: (613) 780-8659****Direct Fax: (613) 230-6706****matroy@ogilvyrenault.com****BY FACSIMILE**

Ottawa, April 7, 2005

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS
UNDER 35 U.S.C. 371****Mail Stop Missing Parts**

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
U.S.A.

Sir:

Re: United States Patent Application No. 10/509,869
Title : **MULTI-WAVELENGTH IMAGING OF
HIGHLY TURBID MEDIA**
Inventors : BEAUDRY, Pierre A. et al.
Assignee : ART, Advanced Research Technologies, Inc.
Our Ref. : 9-15186-21US MMR/sw

In response to the Notification of Missing Requirements under 35 U.S.C. 371 mailed February 9, 2005, enclosed are the following:

1. Transmittal Form (PTO/SB/21).
2. Copy of Notification of Missing Requirements under 35 U.S.C. 371.
3. 3 Declarations and Powers of Attorney of Pierre A. BEAUDRY, Richard BOUDREAU and Pierre GALARNEAU.
4. 4 Assignments as identified below, together with 4 Recordation Forms PTO-1595:
 - (i) Pierre A. BEAUDRY
to ART, Advanced Research Technologies, Inc.;
 - (ii) Richard BOUDREAU
to ART, Advanced Research Technologies, Inc.;
 - (iii) Pierre GALARNEAU, Julie FRÉCHETTE and Sonia VERREAULT
to Institut National D'Optique; and
 - (iv) Institut National D'Optique
to ART, Advanced Research Technologies, Inc.

Barristers & Solicitors
Patent & Trade-Mark Agents

1981 McGill College Avenue
Suite 1600
Montréal, Quebec
Canada H3A 2Y3

Telephone (514) 845-7126
Fax (514) 288-8389
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Continuing the practices of
Melghen Demers
Ogilvy Renault
Swabey Ogilvy Renault



Assistant Commissioner of Patents



5. Fee Transmittal for FY 2005 (PTO/SB/17), in duplicate, in payment of the Declaration surcharge (\$130.00) and 4 assignment recordal fees (4 X \$40.00 = \$160.00).

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to our Account No. 19-5113.

Please note that the address of the agents for the applicant in this matter should be the Montreal address associated with Customer Number 020988 identified in the enclosed Powers of Attorney. Correspondence may be directed to **Matthew M. Roy** of Ogilvy Renault at 1981 McGill College Avenue, Suite 1600, Montreal, Quebec, Canada, H3A 2Y3.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Matthew M. Roy".

Matthew M. Roy
Reg. No. 48,074
Agent of Record

MMR/sw
Encls.



07 APR 2005

004

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0851-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/509,869
	Filing Date	July 16, 2002
	First Named Inventor	Pierre A. BEAUDRY
	Art Unit	
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	9-15186-21US

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Reply to Missing Parts/Incomplete Application <input checked="" type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Cover Letter (2 pg.), 3 Declarations, 4 Assignment Recordation Forms, 4 Assignments
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	OGILVY RENAULT		
Signature			
Printed name	Matthew M. ROY		
Date	April 7, 2005	Reg. No.	48,074

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Matthew M. ROY	Date	April 7, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Rec'd PCT/PTO

07 APR 2005



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/509,869	FIRST NAMED APPLICANT Pierre A Beaudry	ATTY. DOCKET NO. 9-13453-21US
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020988
 OGILVY RENAULT
 1981 MCGILL COLLEGE AVENUE
 SUITE 1600
 MONTREAL, QC H3A2Y3
 CANADA



INTERNATIONAL APPLICATION NO. PCT/CA02/01066	
I.A. FILING DATE 07/16/2002	PRIORITY DATE 07/16/2001

CONFIRMATION NO. 4985

371 FORMALITIES LETTER



OC000000015055917

Date Mailed: 02/09/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 10/01/2004
- Copy of the International Search Report filed on 10/01/2004
- Information Disclosure Statements filed on 10/01/2004
- Oath or Declaration filed on 10/01/2004
- Copy of references cited in ISR filed on 10/01/2004
- U.S. Basic National Fees filed on 10/01/2004
- Priority Documents filed on 10/01/2004
- Power of Attorney filed on 10/01/2004

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

BARBARA A CAMPBELL

Telephone: (703) 308-9140 EXT 217

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/509,869	PCT/CA02/01066	9-13453-21US

FORM PCT/DO/EO/905 (371 Formalities Notice)

**OGILVY
RENAULT****Facsimile**

Our Ref. 9-15186-21US MMR/sw

**Confidentiality Message**

This communication sent by facsimile is confidential, may be privileged and is intended for the exclusive use of the addressee. Any other person is strictly prohibited from disclosing, distributing or reproducing it. If the addressee cannot be reached or is unknown to you, please inform us immediately by telephone (613) 780-8661 at our expense and delete this message and all copies. Thank you.

Number of pages including cover letter: 37
 Date: April 7, 2005
 From: Matthew M. Roy
 Telephone: (613) 780-8659
 E-mail: matroy@ogilvyrenault.com

To	Company	City	Fax
MAIL STOP MISSING PARTS	United States Patent Office	Alexandria, VA	(703) 746-4060

URGENT**DUE DATE: APRIL 9, 2005**

Re: United States Patent Application No. 10/509,869
 Title: **MULTI-WAVELENGTH IMAGING OF
HIGHLY TURBID MEDIA**
 Inventors : BEAUDRY, Pierre A. et al.
 Assignee : ART, Advanced Research Technologies, Inc.
 Our Ref. : 9-15186-21US MMR/sw

Response to Notification of Missing Requirements under 35 U.S.C. 371 mailed February 9, 2005 attached, including 3 Declarations and 4 assignments for recordal.

Shirley Wise
 Assistant to Matthew M. Roy
 Ogilvy Renault
 Tel. (613) 780-8680
 Fax (613) 230-6706
swise@ogilvyrenault.com

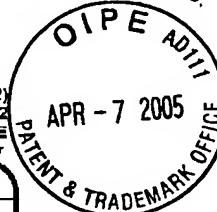
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Barristers and Solicitors
 Patent and Trade-Mark Agents

45 O'Connor Street
 Suite 1600
 Ottawa, Ontario
 Canada K1P 1A4

Telephone (613) 780-8661
 Fax (613) 230-6706
ogilvyrenault.com

Continuing the practices of
 Meighen Demers
 Ogilvy Renault
 Swabey Ogilvy Renault



PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 290

Complete if Known

Application Number	10/509,869
Filing Date	July 16, 2002
First Named Inventor	Pierre A. BEAUDRY
Examiner Name	
Art Unit	
Attorney Docket No.	9-15186-21US

METHOD OF PAYMENT (check all that apply)

- ☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____
- ☒ Deposit Account Deposit Account Number: 19-5113 Deposit Account Name: Ogilvy Renault
- For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- ☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
- ☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Fee (\$)	Small Entity Fee (\$)
50	25
200	100
360	180
Multiple Dependent Claims	
Fee (\$)	Fee Paid (\$)

Total Claims Extra Claims Fee (\$)

- 20 or HP = x = Fee Paid (\$)

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims Extra Claims Fee (\$)

- 3 or HP = x = Fee Paid (\$)

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$)

- 100 = / 50 = (round up to a whole number) x = Fee Paid (\$)

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1051 - Late Declaration (\$130); 8021 Assignment Recordal (4 X \$40)

Fees Paid (\$)

290

SUBMITTED BY

Signature	Matthew M. Roy	Registration No. (Attorney/Agent)	48,074	Telephone	613-780-8659
Name (Print/Type)	Matthew M. ROY	Date	April 7, 2005		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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